

JAN 25 1982



OXY METAL INDUSTRIES CORPORATION

21441 HOOVER ROAD, WARREN, MICHIGAN 48089 (313) 497-9100

ELECTROCHEMICAL GROUP — UDYLITE AND SEL-REX PRODUCTS

August 22, 1977

Douglas Aircraft Company
3855 Lakewood Blvd.
Long Beach, CA 90846

Attn: M. J. Veneroso
Dept. Cl-726 (52-11)

LR 2-15-4
Electro Polishing Solution
Delivered Not Applied

Your letter of May 23, 1977 to our Buena Park, California offices requested DOT information on several Parker products and one Udylite product. Though the information on the Parker products was furnished by Mr. Cavanagh, the request covering the Udylite product just reach my desk. Though somewhat late, the following information is being provided in response to that request.

Product: Udylite Oxyvate 301-B30

(DPM 1924)

1. Shipping Name, per 172.101: Corrosive Liquid, N.O.I.
2. Hazard Classification, per 172.101: Corrosive Material
3. Flash Point: Greater Than 200°F
4. IATA Article Number: 522

The OSHA-20 information requested on Oxyvate 301 is attached.

We hope this information fulfills your request and if we can be of any further assistance, please contact us.

Very truly yours,
OXY METAL INDUSTRIES

Leslie M. Winkler
Adm. Tech. Services
Chemical Mfg.

LMW/c
cc: Buena Park Sales Office
Encl: OSHA-20-OV-301

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 44-R1387

MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME OXY Metal Industries Corporation		EMERGENCY TELEPHONE NO. (313) 497-9100
ADDRESS (Number, Street, City, State, and ZIP Code) 21441 Hoover Road, Warren, MI 48089		
CHEMICAL NAME AND SYNONYMS Udylite Oxyvate 301-B30		TRADE NAME AND SYNONYMS Same
CHEMICAL FAMILY See below	FORMULA Proprietary	

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS	No	No	BASE METAL	No	No
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
An aqueous solution containing phosphoric acid				< 70	1 mg/M ³
Chromic acid, CrO ₃				< 20	0.1 mg/M ³
and other additives					

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	> 212 F	SPECIFIC GRAVITY (H ₂ O=1)	apx .	1.8
VAPOR PRESSURE (mm Hg.)	—	PERCENT, VOLATILE BY VOLUME (%)		—
VAPOR DENSITY (AIR=1)	—	EVAPORATION RATE (_____ =1)		as water
SOLUBILITY IN WATER	complete			
APPEARANCE AND ODOR Reddish-brown solution. No odor				

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	> 200 F	FLAMMABLE LIMITS	X	Lel	X	Uel	X
EXTINGUISHING MEDIA	No special requirements						
SPECIAL FIRE FIGHTING PROCEDURES	None known						
UNUSUAL FIRE AND EXPLOSION HAZARDS	Thermal decomposition may yield toxic Oxides of phosphorous.						

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

As phosphoric acid: 1 mg/M³

EFFECTS OF OVEREXPOSURE

Causes burns to skin, eyes, and respiratory tract.

EMERGENCY AND FIRST AID PROCEDURES

Flush exposed areas with large quantities of clean cool water. Wash skin with soap and water. For burns get immediate medical attention.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Alkali, Cyanides, Flammables, Combustibles, organics, reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition to oxides of phosphorous

HAZARDOUS

POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Avoid contact. Wear full

protective clothing. Neutrallize with excess soda ash and

flush to chromium treatment system.

WASTE DISPOSAL METHOD

Licensed waste disposal agent

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Not normally required.

VENTILATION

LOCAL EXHAUST

Yes

SPECIAL

No

MECHANICAL (General)

No

OTHER

No

PROTECTIVE GLOVES

Rubber Gloves

EYE PROTECTION

Full face shield

OTHER PROTECTIVE EQUIPMENT

Rubber apron, sleeves, and protective boots

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Avoid contact. Wash thoroughly

after handling. Store upright in a cool dry area suitable

OTHER PRECAUTIONS

for storage of chromic acid solutions.